

## **PROJECTS FOR THE DEACTIVATION AND DECOMMISSIONING FOCUS AREA**

The CMST-CP, working closely with Deactivation and Decommissioning Focus Area (DDFA) and using documents from all DOE sites (e.g., Technology Development Needs Statements, Site Technology Deployment Plans, and site cleanup schedules and plans), has identified the following areas for needed technology development:

- Systems to rapidly characterize facility surfaces for "hot spot" removal and to obtain free release criteria.
- Systems to assay contaminant materials in pipes and equipment.
- Real-time monitors to minimize worker exposure to contaminants and to improve worker safety.

All new projects related to characterization or monitoring of the contaminants involved in deactivation and decommissioning activities are jointly evaluated by both the CMST-CP and the DDFA. Similarly, ongoing projects are jointly reviewed each year by the CMST-CP and DDFA to assess their progress. Currently, there are three projects in this category being funded in FY 2000 under CMST-CP and there is one carryover project from FY 1999 (TTP NV05C253). Summaries of those technology projects follow.